MODIFIED FORM PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

(Use as many sheets as necessary)

1 of 1

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERC				
Application Number	10/814,454			
Filing Date	March 31, 2004			
First Named Inventor	Clarence T. Tegreene			
Group Art Unit	3662			
Examiner Name	To Be Assigned			
Attorney Docket Number	0104-003-007-000000			

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	U.S. Patent Number Number-Kind Code <sup>2</sup> (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee	
LN	AA	6,778,844 B2	08-17-2004	Hood, III, Charles D.	
	AB				
	AC				

	U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials Cite		U.S. Patent Application Publication Number Number-Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant		
LN	AD	2005/0143133 A1	06-30-2005	Bridgelall, Raj		
LN	AE	2004/0230638 A1	11-18-2004	Balachandran et al.		
LN	AF	2003/0033394 A1	02-13-2003	Stine, John A.		

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Examiner Initials	Cite No. 1	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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Examiner Signature	/Lee Nguyen/	(11/21/2006)	Date Considered	11/21/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to indicate here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Page 1 of 1

## SUPPLEMENTAL INFORMATION BISCLOSURE STATEMENT BY APPLICANTS

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	U.S. PATENT DOCUMENTS				
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	AI				
	AJ				
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	NON PATENT LITERATURE DOCUMENTS				
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LN	AL	ZHAO, FENG; GUIBAS, LEONIDAS J.; Wireless Sensor Networks: An Information Processing Approach. San Francisco: Morgan Kaufmann Publishers-Elsevier Inc., bearing a copyright date of 2004.			
	AM				
	AN				
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	AP				
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Signature			Considered	

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Page 1 of 4

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	-	FOREIGN PATEN	T DOCUMENTS		
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	(	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS
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LN	AC	BERKELY WEBS: WIRELESS EMBEDDED SYSTEMS, "Building Sensor Networks with TinyOS" May 5, 2003 Mobisys Tutorial, San Francisco Powerpoint Presentation, Culler, David; Levis, Phil; Szewczyk, Rob; Polastre, Joe; pp. 1-41 located at <a href="http://webs.cs.berkeley.edu">http://webs.cs.berkeley.edu</a> , printed on 04/15/04.
LN	AD	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Publications", pp. 1-3, located at http://webs.cs.berkeley.edu/publications.html, printed on 04/12/04
LN	AE	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS a component-based OS for the networked sensor regime", "Latest News", pp. 1-2 located at <a href="http://webs.cs.berkeley.edu/tos/">http://webs.cs.berkeley.edu/tos/</a> , printed on 01/27/04.
LN	AF	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS a component-based OS for the networked sensor regime", "Publications/Presentations", pp. 1-3 located at <a href="http://www.tinyos.net/media.html">http://www.tinyos.net/media.html</a> , printed on 04/13/04.
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LN	AI	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS Tutorial Lesson 8: Data Logging Application", pp. 1-4 located at <a href="http://webs.cs.berkeley.edu/tos/tinyos-1.x/doc/tutorial/lesson8.html">http://webs.cs.berkeley.edu/tos/tinyos-1.x/doc/tutorial/lesson8.html</a> , printed on 04/15/04.
LN	AJ	CENTER FOR THE BUILT ENVIRONMENT, "XYZ On A Chip: Integrated Wireless Sensor Networks for the Control of the Indoor Environment in Buildings" pp. 1-2, located at <a href="http://www.cbe.berkeley.edu/research/briefs-wirelessxyz.htm">http://www.cbe.berkeley.edu/research/briefs-wirelessxyz.htm</a> , bearing a date of 2002, printed on 01/27/04.

Examiner Signature	/Lee Nguyen/	(11/21/2006)	Date Considered	11/21/2006

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APR 2 2 2004		
CLEDIVA (EXITAL INTEGRALATION	Application Number	10/814,454
SUPPLEMENTAL INFORMATION DISCLOSUMESTATEMENT BY	Filing Date	March 31, 2004
	First Named Inventor	Clarence T. Tegreene
APPLICANT	Group Art Unit	To be Assigned
	Examiner Name	To be Assigned
Page 2 of 4	Attorney Docket Number	0104-003-007-000000

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LN	AK	CITRIS, "Brainy Buildings Conserve Energy" p. 1-3 located at <a href="http://www.citris.berkeley.edu/applications/energy/smartbuildings.html">http://www.citris.berkeley.edu/applications/energy/smartbuildings.html</a> , printed on 01/27/04.
LN	AL	CITRIS, "The Real World as One Giant Database" pp. 1-3 located at <a href="http://www.citris.berkeley.edu/newsletter/2003">http://www.citris.berkeley.edu/newsletter/2003</a> Newsletters/december 2003/feature.ht <a href="m.">m.</a> , bearing a date of 2003, printed on 04/09/04.
LN	AM	"Data Repository", University of California Berkeley, located at <a href="http://localization.millennium.berkeley.edu/data_repository.html">http://localization.millennium.berkeley.edu/data_repository.html</a> , pp. 1 of 1, bearing a date of 2001, printed on 04/07/04.
LN	AN	GELSINGER, PAT; Intel.com, "Expanding Moore's Law with Convergance" pp. 1-4 located at <a href="http://www.intel.com/labs/features/em101031.htm">http://www.intel.com/labs/features/em101031.htm</a> , printed on 04/09/04.
LN	AO	INTEL.COM, "New Computing Frontiers-The Wireless Vineyard" pp. 1-4 located at <a href="http://www.intel.com/labs/features/rs01031.htm">http://www.intel.com/labs/features/rs01031.htm</a> , printed on 04/07/04.
LN	AP	ISIS NEST: Institute For Software Integrated Systems; "NEST Home: Network Embedded Systems Technology", pp. 1-2, located at <a href="http://www.isis.vanderbilt.edu/projects.nest/index.html">http://www.isis.vanderbilt.edu/projects.nest/index.html</a> , printed on 04/14/04.
LN	AQ	ISIS NEST: Institute For Software Integrated Systems; "Applications: Shooter Localizations", pp. 1-5, located at <a href="http://www.isis.vanderbilt.edu/projects.nest/applications.html">http://www.isis.vanderbilt.edu/projects.nest/applications.html</a> , printed on 04/14/04.
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LN	AS	ISIS NEST: Institute For Software Integrated Systems; "Tools: NEST Tools", pp. 1 of 1, located at <a href="http://www.isis.vanderbilt.edu/projects.nest/tools.html">http://www.isis.vanderbilt.edu/projects.nest/tools.html</a> , printed on 04/14/04.
LN	ΑТ	ISIS NEST: Institute For Software Integrated Systems; "Documents: NEST Documents", pp. 1-2, located at <a href="http://www.isis.vanderbilt.edu/projects.nest/documents.html">http://www.isis.vanderbilt.edu/projects.nest/documents.html</a> , printed on 04/14/04.
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LN	AW	JOHNSON, R. COLIN, "Companies test prototype wireless-sensor nets" EE Times, pp. 1-3, printable version of article located at <a href="http://www.eet.com/article/showArticle.jhtml?articleID=9900910">http://www.eet.com/article/showArticle.jhtml?articleID=9900910</a> , bearing a date of 01/29/03, printed on 01/27/04.

Examiner Signature /Lee Nguyen/ (11/21/2006)	Date Considered	11/21/2006
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V:\Patent Legal\A-PATENTS FILED\Data Architecture Apps\0104-003-007-Mote Networks Using Directional Antenna Techniques\PTO-1449 SIDS.doc

# SUPPLEMENT APPLICANT

Page 3 of 4

APR 2 2 2004

Application Number	10/814,454
Filing Date	March 31, 2004
First Named Inventor	Clarence T. Tegreene
Group Art Unit	To be Assigned
Examiner Name	To be Assigned
Attorney Docket Number	0104-003-007-000000

#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
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LN	AX	KAHN, KEVIN C.; CULLER, DAVID E.; "Ad Hoc Sensor Networks A New Frontier for Computing Applications" bearing a date of April 2002, printed on 04/09/04.
LN	AY	KLING, RALPH, "Intel® Research Mote" pp. 1-13, Powerpoint Presentation, located at <a href="http://webs.cs.berkeley.edw/retreat-1-03/slides/imote-nest-q103-03-dist.pdf">http://webs.cs.berkeley.edw/retreat-1-03/slides/imote-nest-q103-03-dist.pdf</a> , Intel Corporation Research, Santa Clara, CA, printed on 04/13/04.
LN	AZ	LEVIS, PHILIP; CULLER, DAVID; "Maté: A Tiny Virtual Machine for Sensor Networks", pp. 1-11, printed on 04/12/04
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LN	BF	"Localization Standards", University of California Berkeley, located at <a href="http://localization.millennium.berkeley.edu/localization_standards.html">http://localization.millennium.berkeley.edu/localization_standards.html</a> , pp. 1 of 1, bearing a date of 2001, printed on 04/07/04.
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LN	ВН	PESCOVITZ, DAVID, "Robugs: Smart Dust Has Legs" pp. 1-2, located at <a href="http://www.coe.berkeley.edu/labnotes/0903/pister_print.html">http://www.coe.berkeley.edu/labnotes/0903/pister_print.html</a> , bearing a date of September 2003, printed on 04/09/04.
LN	BI	RAGHUNATHAN, VIJAY; SCHURGERS, CURT; PARK, SUNG; SRIVASTAVA, MANI B.; "Energy Aware Wireless Sensor Networks" pp. 1-17; Department of Electrical Engineering, University of California, Los Angeles; printed on 03/15/04.
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Examiner	/Lee Nguyen/	(11 /21 /2006)	Date	11/21/2006
Signature	Thee Managemy	(11/21/2000)	Considered	

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SUPPLEM BAPPAL INFORMATION
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Page 4 of 4

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LN	BK	SAVVIDES, ANDREAS; "Localization Forum", pp.1 of 1, located at <a href="http://nesl.ee.ucla.edu/projects/ahlos/localization_forum.htm">http://nesl.ee.ucla.edu/projects/ahlos/localization_forum.htm</a> , Networks and Embedded Systems Lab, University of California, Los Angeles; bearing a date of 12/24/03, printed on 02/23/04.
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	ВО	

Examiner   /Lee Nguyen/ (11/21/2006)   Date   11/21/2006	Examiner Signature	/Lee Nguyen/	(11/21/2006)	Date Considered	11/21/2006
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### EXPRESS MAIL NO. ER 770061717 US

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INFORMATION DISCLOSURE	Filing Date	March 31, 2004
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Page 1 of 2	Attorney Docket Number	0104-003-007-000000

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Examiner Initials	Cite No.	U.S. Patent Number	Name of Patentee	Date of Publication (MM-DD-YYYY)
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	(	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
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LN	AF	BUONADONNA, PHILLIP; HILL, JASON; CULLER, DAVID; "Active Message Communication for Tiny Networked Sensors," pp. 1-11, printed on 03/08/2004.		
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LN	AJ	LEVIS, PHILIP, "Viral Code Propagation in Wireless Sensor Networks," EECS Department, University of California at Berkeley, printed on 03/08/2004.		
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LN	AL	MADDEN, SAMUEL, "Acquisitional Query Processing in TinyDB" Powerpoint Presentation, pp. 1-51; NEST Winter Retreat 2003, printed on 03/08/2004.		
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Examiner	/Lee Nguyen/	(11/21/2006)	Date	11/21/2006
Signature	/ nee nguyen/	(11/11/1000)	Considered	

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DIEODA ATION DISCLOSURE	Application Number	To be Assigned
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LN	AN	MADDEN, SAMUEL; SZEWCZYK, R.; FRANKLIN, MICHAEL; and CULLER, DAVID "Supporting Aggregate Queries Over Ad-Hoc Wireless Sensor Networks," pp. 1-10, printed on 03/08/04.				
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Examiner Signature	/Lee Nguyen/	(11/21/2006)	Date Considered	11/21/2006
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